

## EAST Search History

| Ref #    | Hits | Search Query   | DBs      | Default Operator | Plurals | Time Stamp       |
|----------|------|--|----------|------------------|---------|------------------|
| L180     | 2    | (first and part and interval and during and energy and conservation) .clm. | US-PGPUB | OR               | ON      | 2007/01/23 12:18 |
| S17<br>5 | 2    | (first and part and interval and during and energy and conservation) .clm. | US-PGPUB | OR               | ON      | 2006/09/07 15:14 |

## EAST Search History

| Ref # | Hits  | Search Query   | DBs   | Default Operator | Plurals | Time Stamp       |
|-------|-------|--|---|------------------|---------|------------------|
| L2    | 80518 | ((("345"/\$)!ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L3    | 1224  | ((("345"/\$)!ccls.)) and (vector near data)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L4    | 31    | (((((("345"/\$)!ccls.)) and (vector near data)) and enlarg\$3 and label and position                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L5    | 0     | ((((((("345"/\$)!ccls.)) and (vector near data)) and enlarg\$3 and label and position) and select\$3) and bitmao | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L6    | 6     | ((((((("345"/\$)!ccls.)) and (vector near data)) and enlarg\$3 and label and position) and select\$3) and bitmap | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L7    | 31    | ((((((("345"/\$)!ccls.)) and (vector near data)) and enlarg\$3 and label and position) and select\$3             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L8    | 213   | (345/667).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L9    | 183   | ((345/667).ccls.) and size   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L10   | 7     | ((((345/667).ccls.) and size) and (vector near5 data)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR               | ON      | 2007/01/23 12:07 |
| L11   | 1     | ("5400051").PN.  | USPAT;<br>USOCR   | OR               | OFF     | 2007/01/23 12:07 |

## EAST Search History

|     |       |  |   |    |     |                  |
|-----|-------|--|---|----|-----|------------------|
| L12 | 1     | ("5696530").PN.  | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L13 | 1     | ("5612714").PN.  | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L14 | 331   | 345/127 and image same (reduce or reduction or enlarge or enlargement)   | USPAT   | OR | OFF | 2007/01/23 12:07 |
| L15 | 55    | (345/127 and image same (reduce or reduction or enlarge or enlargement)) and vector                              | USPAT   | OR | ON  | 2007/01/23 12:07 |
| L16 | 19    | (345/127 and image same (reduce or reduction or enlarge or enlargement)) and (vector near3 data)                 | USPAT   | OR | ON  | 2007/01/23 12:07 |
| L17 | 17    | ((345/127 and image same (reduce or reduction or enlarge or enlargement)) and (vector near3 data)) and size      | USPAT   | OR | ON  | 2007/01/23 12:07 |
| L18 | 207   | (345/636).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L19 | 31    | ((345/636).ccls.) and vector   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L20 | 1     | ("5394166").PN.  | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L21 | 1     | ("5387922").PN.  | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L22 | 1     | ("5218352").PN.  | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L23 | 13775 | Display near mode  | USPAT   | OR | OFF | 2007/01/23 12:07 |
| L24 | 2638  | (Display near mode) and ("345"/\$).ccls.)  | USPAT   | OR | OFF | 2007/01/23 12:07 |
| L25 | 74    | ((Display near mode) and ("345"/\$).ccls.)) and (partial near (screen or display))                               | USPAT   | OR | ON  | 2007/01/23 12:07 |
| L26 | 38    | ((((Display near mode) and ("345"/\$).ccls.)) and (partial near (screen or display)))) and power and consumption | USPAT   | OR | ON  | 2007/01/23 12:07 |

## EAST Search History

|     |       |  |   |    |    |                  |
|-----|-------|--|---|----|----|------------------|
| L27 | 80518 | ((("345"/\$)!ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L28 | 30    | ((("345"/\$)!ccls.) ) and (partial near screen) and mode and (conserv\$6 or consum\$6) and (interval or threshold) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L29 | 1406  | ((345/211).ccls.)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L30 | 3     | ((((345/211).ccls.) ) and (partial near screen) and mode and (conserv\$6 or consum\$6) and (interval or threshold) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L31 | 4     | ((((345/211).ccls.) ) and (partial near screen) and (conserv\$6 or consum\$6) and (interval or threshold)          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L32 | 6     | ((((345/211).ccls.) ) and (partial near screen) and (conserv\$6 or consum\$6)                                      | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L33 | 0     | ((345/211).ccls.) and concervation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L34 | 298   | ((345/211).ccls.) and energy   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L35 | 423   | ((345/204).ccls.) and energy   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L36 | 0     | ((345/204).ccls.) and concervation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L37 | 0    | ((455/574).ccls.) and concervation                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L38 | 887  | ((455/574).ccls.) and modes                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L39 | 207  | ((455/573).ccls.) and modes                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L40 | 1104 | ((713/320).ccls.) and modes                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L41 | 1762 | ((713/300).ccls.) and modes                        | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L42 | 18   | L34 and L35 and modes                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L43 | 16   | L34 and L35 and<br>@ad<="20000526"                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L44 | 9    | L43 and mode                                       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L45 | 0    | L38 and L39 and L40 and L41 and<br>@ad<="20000526" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L46 | 343  | L38 and @ad<="20000526"                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|     |     |                                  |   |    |    |                  |
|-----|-----|----------------------------------|---|----|----|------------------|
| L47 | 109 | L39 and @ad<="20000526"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L48 | 377 | L40 and @ad<="20000526"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L49 | 541 | L41 and @ad<="20000526"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L50 | 0   | L46 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L51 | 0   | L47 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L52 | 0   | L48 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L53 | 1   | L49 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L54 | 0   | L49 and (divid\$3 near3 display) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L55 | 0   | L47 and (divid\$3 near3 display) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L56 | 1   | L48 and (divid\$3 near3 display) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|     |         |   |   |    |     |                  |
|-----|---------|---|---|----|-----|------------------|
| L57 | 1       | L46 and (divid\$3 near3 display)            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L58 | 19      | kaj near1 saarinen                          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L59 | 34      | ari near1 aho                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L60 | 0       | ("ep1056261").PN.                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/23 12:07 |
| L61 | 9       | ("1056261").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/23 12:07 |
| L62 | 2       | (partial near1 screen near1 mode) .<br>clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L63 | 1918    | ((455/574)"cls.")                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L64 | 2387274 | ((455/574)"cls")                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |

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|     |      |                                |   |    |    |                  |
|-----|------|--------------------------------|---|----|----|------------------|
| L65 | 526  | L63 and @ad <= "19990527"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L66 | 4    | L65 and (display adj3 element) | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L67 | 2034 | ((455/566).ccls.)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L68 | 471  | L67 and @ad <= "19990527"      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L69 | 21   | L68 and screen adj3 mode       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L70 | 0    | L69 and partial adj3 screen    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L71 | 284  | ((345/206).ccls.)              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L72 | 0    | L70 and partial adj3 screen    | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |



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|     |      |                                       |   |    |    |                  |
|-----|------|---------------------------------------|---|----|----|------------------|
| L73 | 0    | L70 and partial adj3 screen same part | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L74 | 0    | L70 and (mode adj screen)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L75 | 144  | L71 and @ad <= "19990527"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L76 | 144  | L75 and @ad <= "19990527"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L77 | 0    | L75 and (mode adj screen)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L78 | 0    | L75 and partial adj3 screen           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L79 | 1    | L75 and partial adj4 display          | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L80 | 1413 | ((345/211).ccls.)                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

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|     |      |  |   |    |    |                  |
|-----|------|--|---|----|----|------------------|
| L81 | 658  | L80 and @ad <= "19990527"                              | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L82 | 0    | L81 and partial adj3 screen                            | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L83 | 197  | L81 and screen   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L84 | 45   | L83 and controlling adj3 display                       | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L85 | 613  | (partial adj3 screen) and (conserv\$6<br>or consum\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L86 | 40   | L85 and update adj3 screen                             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L87 | 36   | L86 and modes  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L88 | 18   | L87 and @ad<="20000526"                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L89 | 1224 | ((("345"/\$)!..ccls.)) and (vector near<br>data)       | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|      |       |  |   |    |     |                  |
|------|-------|--|---|----|-----|------------------|
| L90  | 80518 | ((("345"/\$)!.ccls.)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L91  | 31    | (((((("345"/\$)!.ccls.)) and (vector<br>near data)) and enlarg\$3 and label<br>and position                                | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L92  | 0     | ((((((("345"/\$)!.ccls.)) and (vector<br>near data)) and enlarg\$3 and label<br>and position) and select\$3) and<br>bitmao | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L93  | 213   | (345/667).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L94  | 55    | (345/127 and image same (reduce<br>or reduction or enlarge or<br>enlargement)) and vector                                  | USPAT   | OR | ON  | 2007/01/23 12:07 |
| L95  | 183   | ((345/667).ccls.) and size   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L96  | 207   | (345/636).ccls.  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L97  | 13775 | Display near mode  | USPAT   | OR | OFF | 2007/01/23 12:07 |
| L98  | 2638  | (Display near mode) and<br>(("345"/\$)!.ccls.)   | USPAT   | OR | OFF | 2007/01/23 12:07 |
| L99  | 74    | ((Display near mode) and<br>(("345"/\$)!.ccls.)) and (partial near<br>(screen or display))                                 | USPAT   | OR | ON  | 2007/01/23 12:07 |
| L100 | 331   | 345/127 and image same (reduce or<br>reduction or enlarge or<br>enlargement)   | USPAT   | OR | OFF | 2007/01/23 12:07 |
| L101 | 19    | (345/127 and image same (reduce<br>or reduction or enlarge or<br>enlargement)) and (vector near3<br>data)                  | USPAT   | OR | ON  | 2007/01/23 12:07 |

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|      |       |                                      |   |    |    |                  |
|------|-------|--------------------------------------|---|----|----|------------------|
| L102 | 80518 | ((("345"/\$)!.ccls.)                 | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L103 | 0     | ((345/211).ccls.) and concervation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L104 | 1406  | ((345/211).ccls.)                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L105 | 298   | ((345/211).ccls.) and energy         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L106 | 423   | ((345/204).ccls.) and energy         | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L107 | 0     | ((345/204).ccls.) and concervation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L108 | 0     | ((455/574).ccls.) and concervation   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L109 | 887   | ((455/574).ccls.) and modes          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L110 | 16    | L105 and L106 and<br>@ad<="20000526" | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L111 | 1762  | ((713/300).ccls.) and modes          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|      |      |   |   |    |    |                  |
|------|------|---|---|----|----|------------------|
| L112 | 1104 | ((713/320).ccls.) and modes   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L113 | 207  | ((455/573).ccls.) and modes   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L114 | 0    | L109 and L113 and L112 and L111<br>and @ad<="20000526"                              | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L115 | 343  | L109 and @ad<="20000526"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L116 | 109  | L113 and @ad<="20000526"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L117 | 0    | L115 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L118 | 0    | L116 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L119 | 377  | L112 and @ad<="20000526"  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L120 | 0    | L119 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L121 | 6    | ((((345/211).ccls.) ) and (partial near<br>screen) and (conserv\$6 or<br>consum\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|      |         |                                   |   |    |    |                  |
|------|---------|-----------------------------------|---|----|----|------------------|
| L122 | 541     | L111 and @ad<="20000526"          | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L123 | 0       | L122 and (divid\$3 near3 display) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L124 | 0       | L116 and (divid\$3 near3 display) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L125 | 1918    | ((455/574)"cls.")                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L126 | 2387274 | ((455/574)"cls")                  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L127 | 526     | L125 and @ad <= "19990527"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L128 | 2034    | ((455/566).ccls.)                 | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L129 | 471     | L128 and @ad <= "19990527"        | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L130 | 21      | L129 and screen adj3 mode         | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|      |      |  |   |    |    |                  |
|------|------|--|---|----|----|------------------|
| L131 | 0    | L130 and partial adj3 screen           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L132 | 0    | L131 and (mode adj screen)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L133 | 0    | L131 and partial adj3 screen same part | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L134 | 284  | ((345/206).ccls.)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L135 | 144  | L134 and @ad <= "19990527"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L136 | 144  | L135 and @ad <= "19990527"             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L137 | 0    | L135 and partial adj3 screen           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L138 | 1413 | ((345/211).ccls.)                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|      |     |  |   |    |     |                  |
|------|-----|--|---|----|-----|------------------|
| L139 | 658 | L138 and @ad <= "19990527"                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L140 | 0   | L139 and partial adj3 screen                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L141 | 197 | L139 and screen  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L142 | 613 | (partial adj3 screen) and (conserv\$6<br>or consum\$6) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L143 | 40  | L142 and update adj3 screen                            | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L144 | 19  | kaj near1 saarinen                                     | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L145 | 0   | ("ep1056261").PN.                                      | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/23 12:07 |
| L146 | 0   | L131 and partial adj3 screen                           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |



## EAST Search History

|      |    |   |   |    |     |                  |
|------|----|---|---|----|-----|------------------|
| L147 | 0  | L135 and (mode adj screen)  | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON  | 2007/01/23 12:07 |
| L148 | 36 | L143 and modes  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L149 | 1  | ("5400051").PN.   | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L150 | 1  | ("5218352").PN.   | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L151 | 3  | (((345/211).ccls.) ) and (partial near screen) and mode and (conserv\$6 or consum\$6) and (interval or threshold) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L152 | 1  | L122 and (partial near3 display)  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L153 | 1  | ("5696530").PN.   | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L154 | 1  | ("5612714").PN.   | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L155 | 1  | ("5387922").PN.   | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L156 | 1  | ("5394166").PN.   | USPAT;<br>USOCR   | OR | OFF | 2007/01/23 12:07 |
| L157 | 1  | L115 and (divid\$3 near3 display)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L158 | 6  | ((((("345"/\$)!ccls.)) and (vector near data)) and enlarg\$3 and label and position) and select\$3) and bitmap    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |
| L159 | 1  | L119 and (divid\$3 near3 display)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON  | 2007/01/23 12:07 |

## EAST Search History

|      |    |   |   |    |    |                  |
|------|----|---|---|----|----|------------------|
| L160 | 1  | L135 and partial adj4 display   | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | ON | 2007/01/23 12:07 |
| L161 | 31 | (((((("345"/\$)!ccls.)) and (vector near data)) and enlarg\$3 and label and position) and select\$3                   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L162 | 7  | ((((345/667).ccls.) and size) and (vector near5 data)   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L163 | 31 | ((345/636).ccls.) and vector  | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L164 | 38 | ((((Display near mode) and ((("345"/\$)!ccls.)) and (partial near (screen or display)))) and power and consumption    | USPAT   | OR | ON | 2007/01/23 12:07 |
| L165 | 17 | ((345/127 and image same (reduce or reduction or enlarge or enlargement)) and (vector near3 data)) and size           | USPAT   | OR | ON | 2007/01/23 12:07 |
| L166 | 30 | (((((("345"/\$)!ccls.) ) and (partial near screen) and mode and (conserv\$6 or consum\$6) and (interval or threshold) | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L167 | 4  | ((((345/211).ccls.) ) and (partial near screen) and (conserv\$6 or consum\$6) and (interval or threshold)             | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L168 | 18 | L105 and L106 and modes   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |
| L169 | 9  | L110 and mode   | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB           | OR | ON | 2007/01/23 12:07 |

## EAST Search History

|      |    |   |  |    |     |                  |
|------|----|---|--|----|-----|------------------|
| L170 | 34 | ari near1 aho                               | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/23 12:07 |
| L171 | 9  | ("1056261").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | OFF | 2007/01/23 12:07 |
| L172 | 2  | (partial near1 screen near1 mode) .<br>clm. | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/23 12:07 |
| L173 | 4  | L127 and (display adj3 element)             | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/23 12:07 |
| L174 | 45 | L141 and controlling adj3 display           | US-PGPUB;<br>USPAT;<br>USOCR;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB          | OR | ON  | 2007/01/23 12:07 |
| L175 | 18 | L148 and @ad<="20000526"                    | US-PGPUB;<br>USPAT;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB                    | OR | ON  | 2007/01/23 12:07 |
| L176 | 2  | ("5450619").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/23 12:07 |
| L177 | 2  | ("5860016").PN.                             | US-PGPUB;<br>USPAT;<br>USOCR;<br>FPRS;<br>EPO; JPO;<br>DERWENT;<br>IBM_TDB | OR | OFF | 2007/01/23 12:07 |

## EAST Search History

|          |   |  |          |    |    |                  |
|----------|---|--|----------|----|----|------------------|
| L179     | 2 | (first and part and interval and during and energy and conservation) .clm. | US-PGPUB | OR | ON | 2007/01/23 12:17 |
| L180     | 2 | (first and part and interval and during and energy and conservation) .clm. | US-PGPUB | OR | ON | 2007/01/23 12:18 |
| S17<br>5 | 2 | (first and part and interval and during and energy and conservation) .clm. | US-PGPUB | OR | ON | 2006/09/07 15:14 |